AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

1. (Currently Amended) A recording medium having a data structure for managing random/shuffle reproduction of video data ~~by a computer if read by the computer~~, the recording medium comprising:

a stream area storing at least one stream file including the video data;

a playlist area storing at least one playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and

a management area storing at least one title management information file including at least one segment, the segment including a command executing the playlist file, the title management information file being separate and having different file extension from the playlist file,

wherein the playing interval represented by the playitem is a unit to be randomized or shuffled during random/shuffle reproduction.

2. (Previously Presented) The recording medium of claim 1, wherein a title managed by the title management information file is a logical unit of the video data that is regarded as a reproduction unit by users.

3. (Cancelled)

4. (Currently Amended)   The recording medium of claim 1̲3̲, wherein the ~~branch point information has segments, each~~ segment i̲s̲ ̲b̲e̲i̲n̲g̲ assigned to ~~each~~ a̲ reproduction path o̲f̲ ̲t̲h̲e̲ ̲v̲i̲d̲e̲o̲ ̲d̲a̲t̲a̲.

5. – 10. (Cancelled)

11. (Currently Amended) The recording medium of claim 1, wherein the playitem is associated with a whole clip or a portion of clip based on clip information stored in a clip information area o̲f̲ ̲t̲h̲e̲ ̲r̲e̲c̲o̲r̲d̲i̲n̲g̲ ̲m̲e̲d̲i̲u̲m̲.

12. (Currently Amended) A method for recording a data structure for managing random/shuffle reproduction of video data on a recording medium, the method comprising:

recording with a recording device at least one stream file including the video data in ~~a stream area of~~ the recording medium;

recording at least one playlist file in ~~a playlist area of~~ the recording medium, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and

recording a title management information file in ~~a management area of~~ the recording medium, the title management information being separate and having different file extension from the playlist file, the title management information file including at least one segment, the segment including a command executing the playlist file,

wherein the playing interval represented by the playitem is a unit to be

randomized or shuffled during random/shuffle reproduction.

13. (Currently Amended) A method for reproducing video ~~a~~ data ~~stream that has been~~ recorded on a recording medium having a data structure for managing random/shuffle reproduction of the video data thereon, the method comprising:

reproducing with a reproducing device at least one title management information file including at least one segment from ~~a management area of~~ the recording medium, the title management information file including at least one segment, the segment including a command executing a playlist file;

reproducing the playlist file executed by the segment from ~~a playlist file area of~~ the recording medium, the playlist file being separate and having different file extension from the title management information file, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and

reproducing a stream file including the video data ~~the clip indicated by the playlist file~~ from ~~a stream area of~~ the recording medium,

wherein the playing interval represented by the playitem is a unit to be randomized or shuffled during random/shuffle reproduction.

14. (Currently Amended) An apparatus for recording a data structure for managing random/shuffle reproduction of video data on a recording medium, the apparatus comprising:

a recording device configured to record data ~~a stream file including the video data~~ in ~~a stream area of~~ the recording medium; and

a controller operably coupled to the reproducing device to~~,~~

record a stream file including the video data~~record the video data~~ on the recording medium,

~~wherein the controller controls the recording device to~~ record at least one playlist file in ~~a playlist area of~~ the recording medium, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval, the playitems being a unit to be randomized or shuffled during random/shuffle reproduction, and ~~the controller controls the recording device to~~

record a title management information file in ~~a management area of~~ the recording medium, the title management information file being separate and having different file extension from the playlist file, the title management information file including at least one segment, the segment including a command executing a playlist file.

15. (Currently Amended) An apparatus for reproducing video ~~a~~ data ~~stream~~ recorded on a recording medium having a data structure for managing random/shuffle reproduction of the video data thereon, the apparatus comprising:

a reproducing device configured to reproduce data ~~a strem file including the video data~~ from ~~a stream area of~~ the recording medium; and

a controller operably coupled to the reproducing device

to~~,~~

reproduce a title management information file including at least one segment, the segment including a command executing a playlist file, from ~~a management area of~~ the recording medium, ~~;~~

to-reproduce a playlist file executed by the segment from a playlist area of the recording medium, the playlist file being separate and having different file extension from the title management information file, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval, and

to-reproduce a stream file including the video data the clip indicated by the playlist file the clip from a stream area on the recording medium.,

wherein the playing interval represented by the playitem is a unit to be randomized or shuffled during random/shuffle reproduction.

16-20. (Canceled)

21. (Currently Amended) The method of claim 12, wherein further comprising regarding a title managed by the title management information file that is a logical unit of the video data managed by the title management information file as a reproduction unit.

22. – 24. (Cancelled)

25. (Currently Amended) The method of claim 12, further comprising associating the playitem with a whole clip or a portion of clip based on clip information stored in the recording mediuma clip information area.

26. (Currently Amended) The method of claim 13, wherein further comprising

regarding a title managed by the title management information file that is a logical

unit of the video data that is regarded managed by the title management information

file as a reproduction unit by users.

27. – 29. (Cancelled)

30. (Currently Amended) The method of claim 13, further comprising

associating the playitem with a whole clip or a portion of clip based on clip information

stored in the recording mediuma clip information area.

31. (Previously Presented) The apparatus of claim 14, wherein a title managed

by the title management information file is a logical unit of video data that is regarded

as a reproduction unit by users.

32. – 34. (Cancelled)

35. (Currently Amended) The apparatus of claim 14, wherein the controller

controls the recording device to record the playitem associated with a whole clip or a

portion of clip based on clip information stored in the recording mediuma clip

information area.

36. (Previously Presented) The apparatus of claim 15, wherein a title managed

by the title management information file is a logical unit of video data that is regarded

as a reproduction unit by users.

37. – 39. (Cancelled)

40. (Currently Amended) The apparatus of claim 15, wherein the controller controls the reproducing device to reproduce the playitem associated with a whole clip or a portion of clip based on clip information stored in the recording mediuma clip information area.

41. (Previously Presented) The apparatus of claim 14, further comprising a source packetizer configured to packetize the video data.

42. (Previously Presented) The apparatus of claim 15, further comprising a source depacketizer configured to depacketize a packet of the video data.